

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket No: 38485-0006

In re patent application of
BUB, Sabine *et al.*

Application No.: 09/914,397

Group Art Unit: Unassigned

Filed: August 28, 2001

Examiner: Unassigned

For: MOLECULAR-BIOLOGICAL MARKER FOR ANALYTICAL ELECTRON
MICROSCOPY

AMENDMENT ACCOMPANYING SEQUENCE LISTING
UNDER 37 CFR §§ 1.821 – 1.825

Commissioner for Patents
Washington, D.C. 20231
Box SEQUENCE

Sir:

In submission of the Sequence Listing in connection with Requirements for Applications containing Sequence Disclosures, please amend the application as follows:

IN THE SPECIFICATION:

Page 4, line 15, paragraph 2: Please amend as follows:

According to the invention a series of new plasmids having more than 1, preferably 2, 7, 14, 21 and 27, SK primer sequence elements, was produced in direct head/tail-oriented repetition on the basis of pBluescript KS (+). The annularly closed plasmid is available as a target structure which contains repetitively a short DNA sequence (SK primer sequence element). The SK primer sequence element comprises the following sequence (SEQ ID NO: 5):

5'-GATCCACTAGTTCTAGAGCG-3'.

Page 7, line 1, paragraph 1: Please amend as follows:

The plasmid according to the invention is prepared on the carrier matrix of the sample holder for ESI in spread form. The above plasmids enable the preparation of single-stranded annular plasmid DNA molecules after infecting plasmid-containing *E. coli* cells, preferably *E. coli* JM 110, by means of what is called a helper virus. The (+) sign in the name of the original plasmid pBluescript KS (+) indicates that only the plus strand of the plasmid molecule is isolated. A single-stranded DNA sample is now available against which complementary DNA regions can readily be hybridized without the otherwise necessary